Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

	Discharge volume (cfs) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
Date				BY08 Fall	BY09 Late-fall	BY08 Winter	BY08 Spring	BY09 Steelhead
4/9/09	6,450	11.3	7.6	453 (37 – 77)	0(-)	0(-)	301 (80 – 96)	0(-)
4/10/09	7,040	11.3	7.1	52,468 (41 – 78)	51 (33)	0(-)	22,886 (79 – 100)	0(-)
4/11/09	7,400	12.2	_	_	_	_	_	_
4/12/09	6,750	12.8	_	_	_	_	_	_
4/13/09	6,550	13.3	_	_	_	_	_	-
4/14/09	6,530	12.3	_	_	_	_	_	_
4/15/09	6,490	11.6	4.7	40,445 (38 – 81)	347(34-37)	0(-)	9,239 (82 – 92)	89 (45 – 52)
4/16/09	6,430	11.9	4.7	29,992 (38 - 82)	615 (34 – 37)	30 (140)	3,487 (83 – 101)	32 (50)
4/17/09	6,400	12.6	6.0	73,022 (39 – 82)	1,358 (33 – 37)	0(-)	3,875 (83 – 91)	0(-)
4/18/09	6,820	13.4	_	_	_	_	_	-
4/19/09	7,260	13.9	_	_	_	_	_	_
4/20/09	7,190	14.3	_	_	_	_	_	-
4/21/09	7,260	14.7	_	_	_	_	_	_
4/22/09	7,330	14.8	4.9	8,491 (39 – 85)	848 (33 - 38)	0(-)	271 (86 – 88)	45 (63)
Biweekly total ²			478,031	7,511	70	93,471	390	
Biweekly Lower 90% Confidence Interval				-324,529	-8,593	-661	-66,581	-2,114
Biweekly Upper 90% Confidence Interval			1,280,591	23,615	801	253,523	2,894	
Brood-year total				7,364,602	7,871	1,241,670	151,607	2,247
Brood-year Lower 90% Confidence Interval				3,547,532	3,164	794,920	62,024	-713
Brood-year Upper 90% Confidence Interval			11,181,672	12,578	1,688,420	241,190	5,207	

¹ Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd).

² Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.